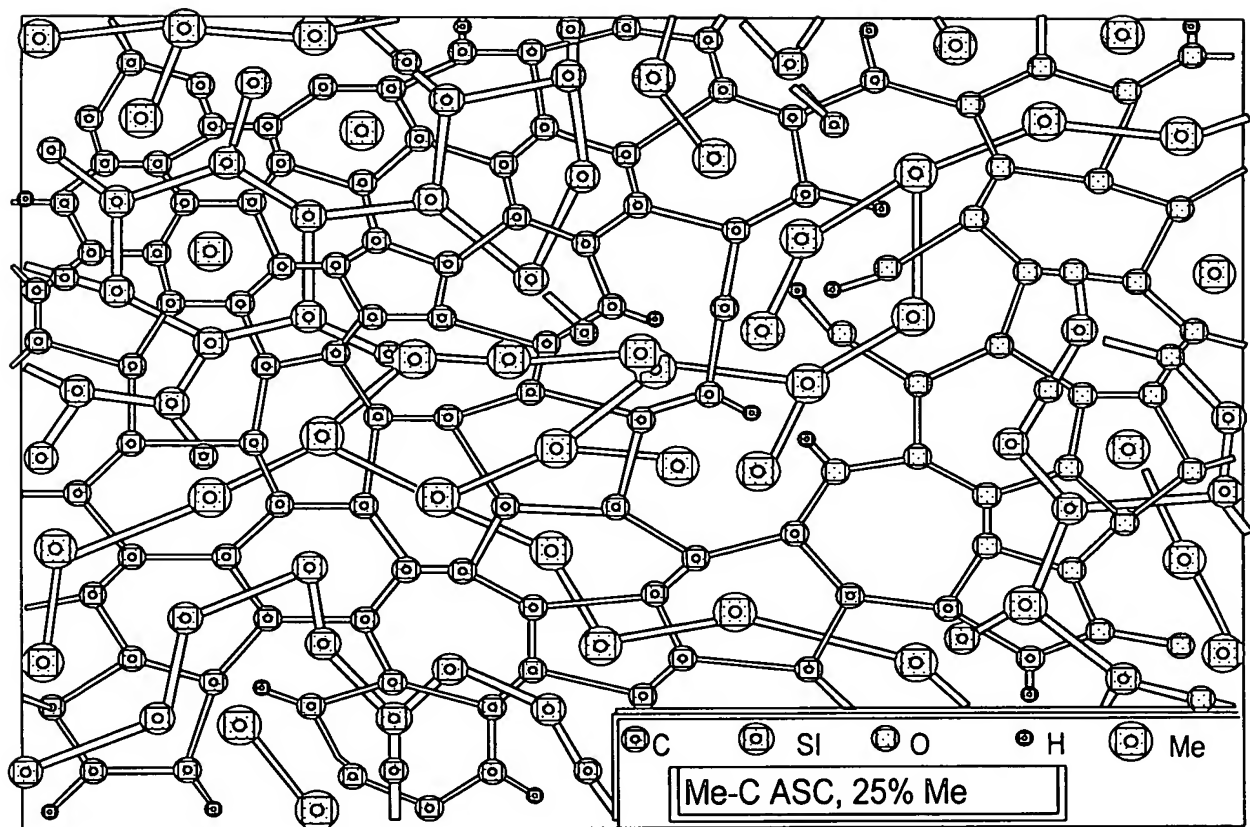


FIG. 1A
PRIOR ART

*FIG. 1B*

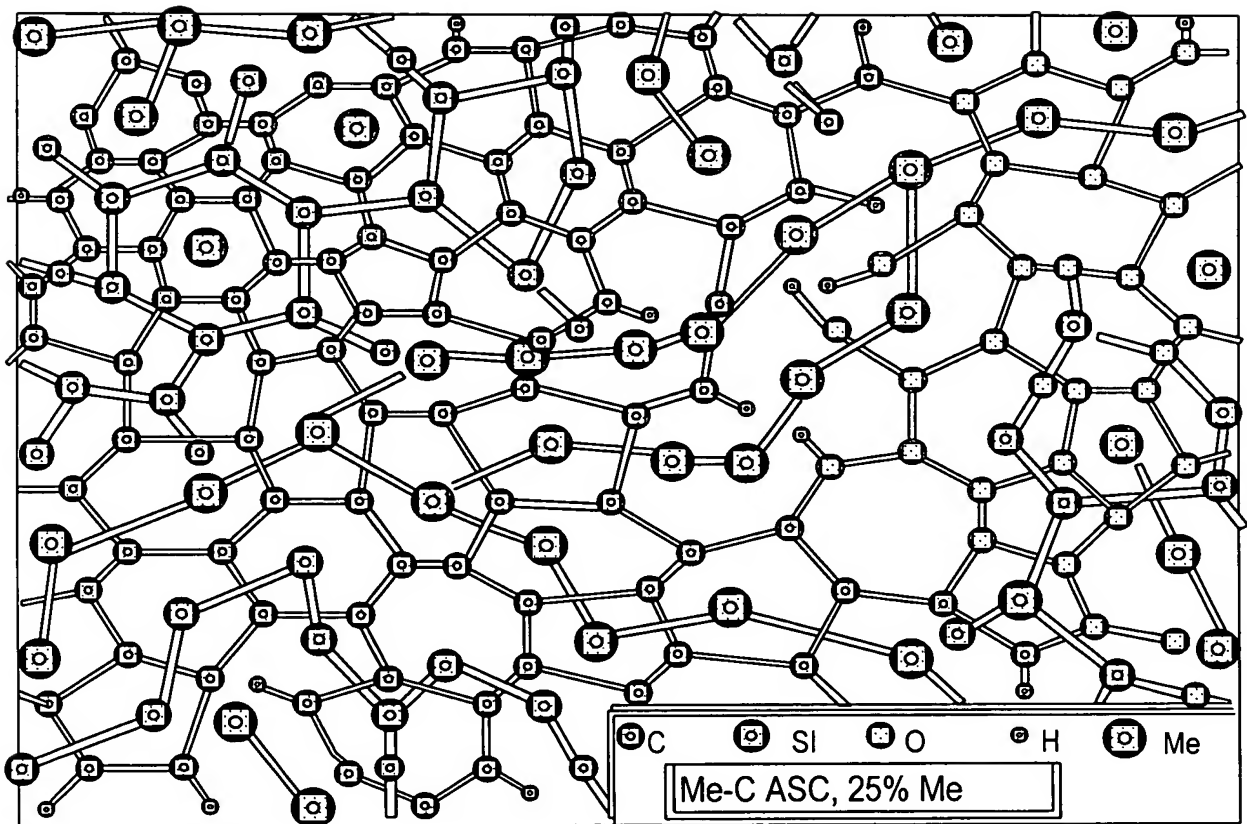
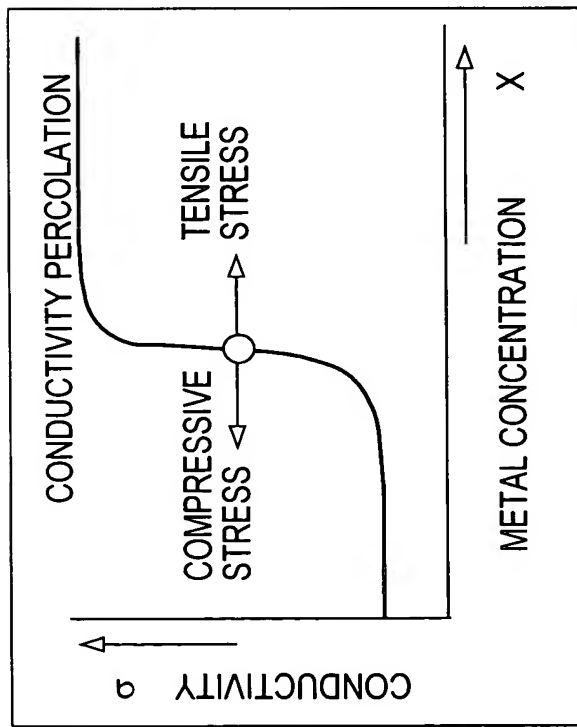


FIG. 1C

FIG. 2A



4/11

FIG. 2B

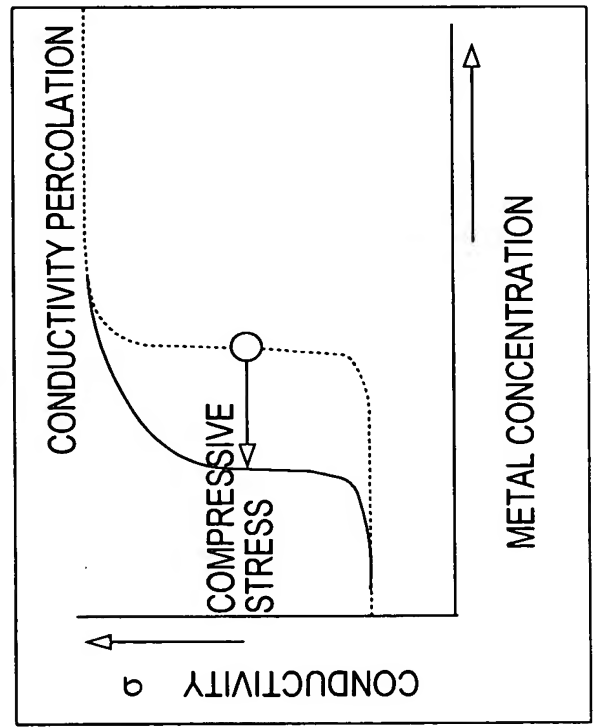
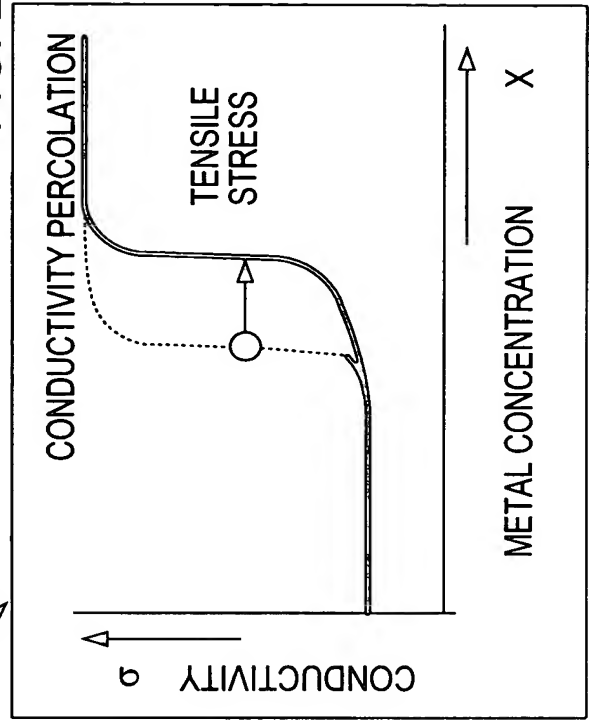
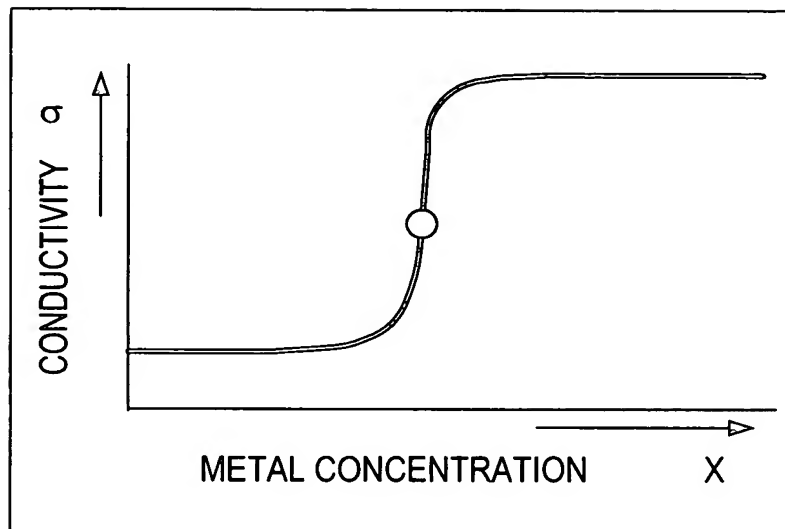
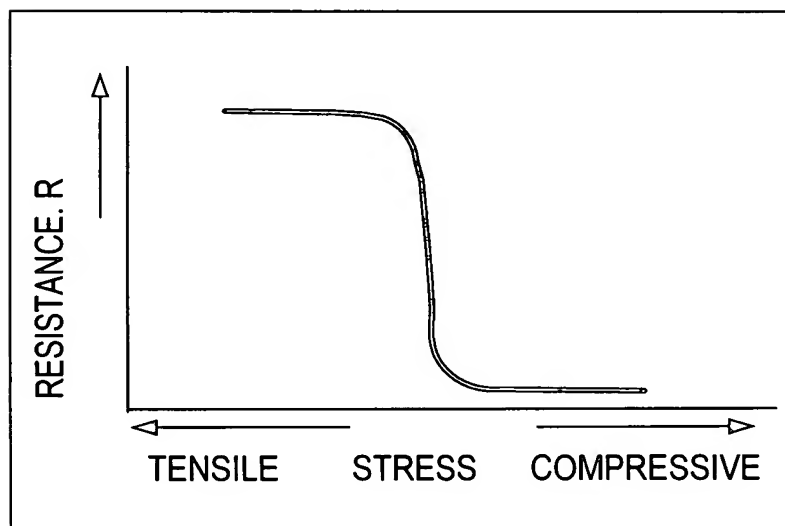
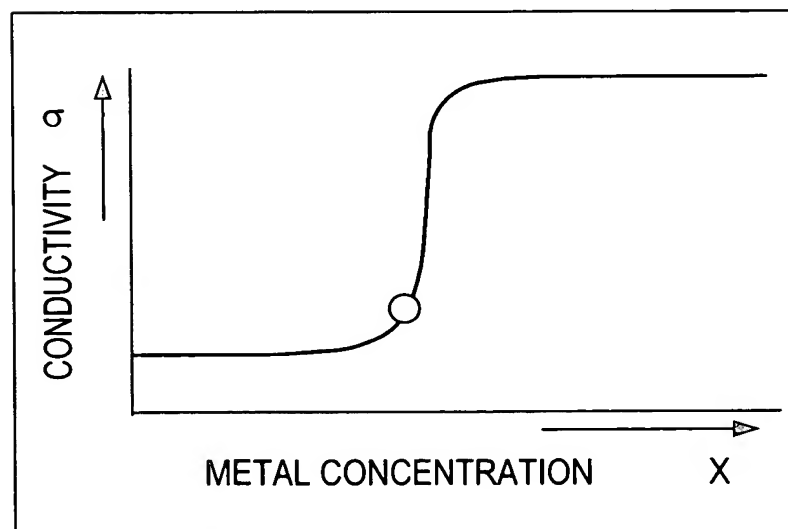


FIG. 2C



*FIG. 3A**FIG. 3B**FIG. 3C*

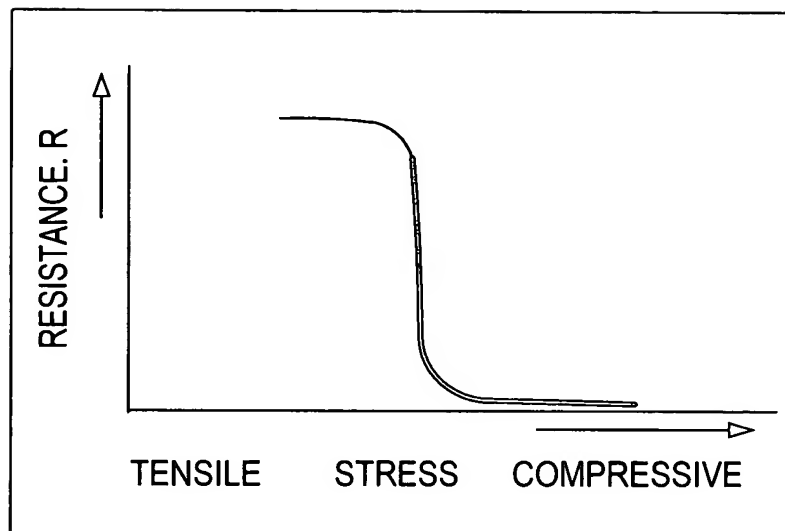


FIG. 3D

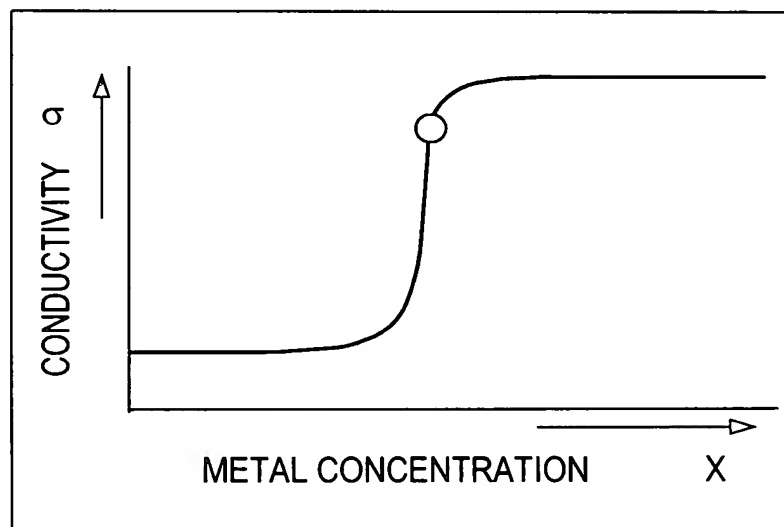


FIG. 3E

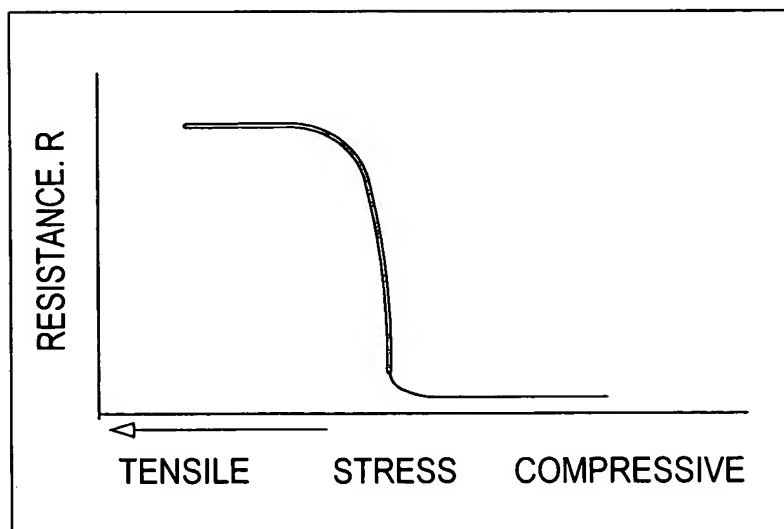
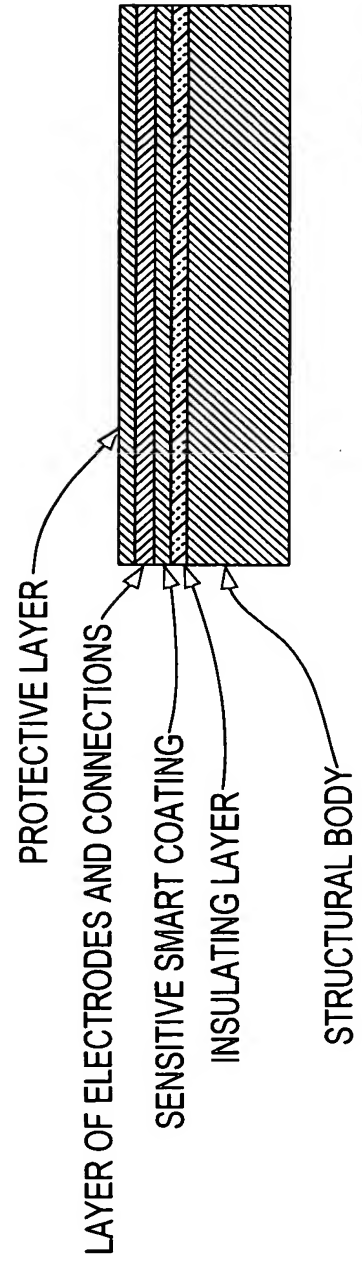
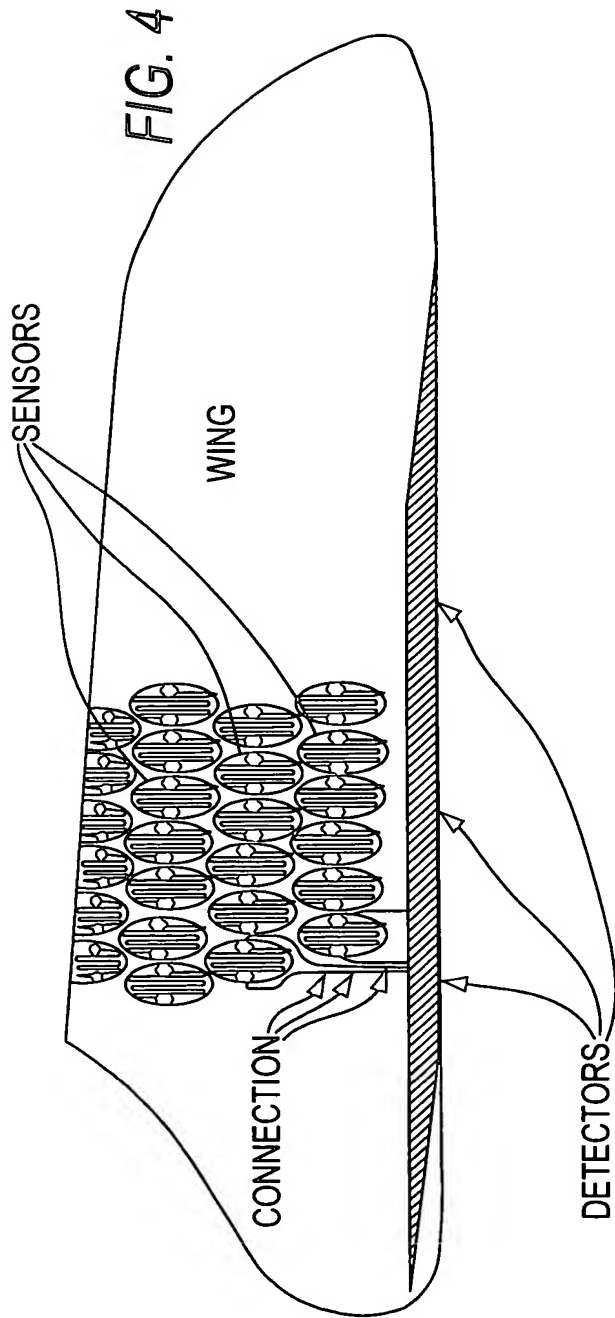
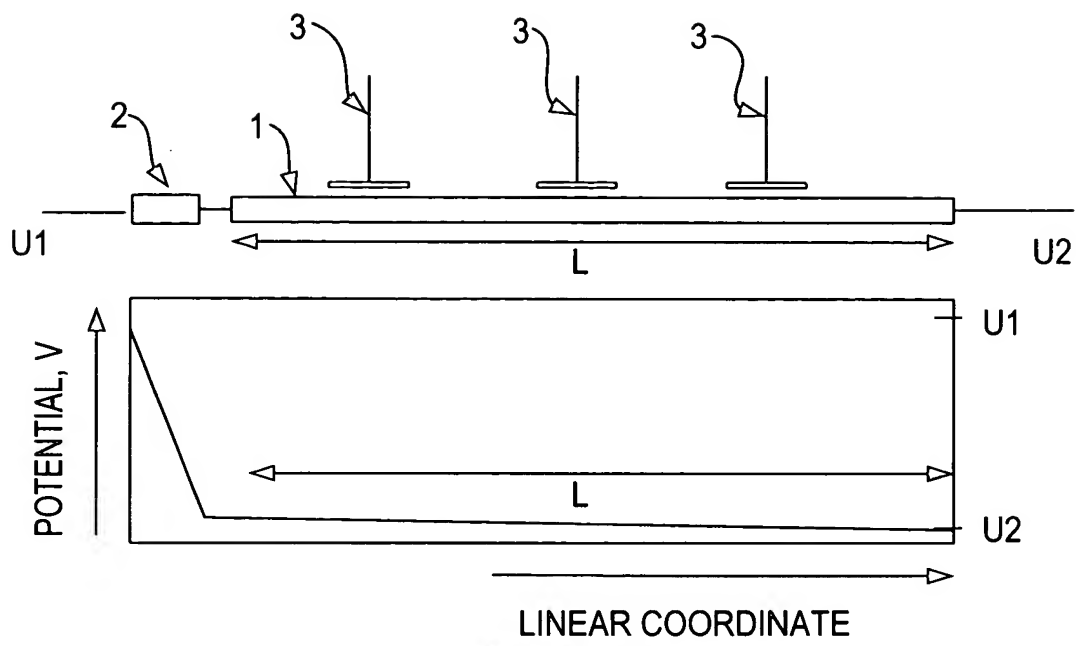
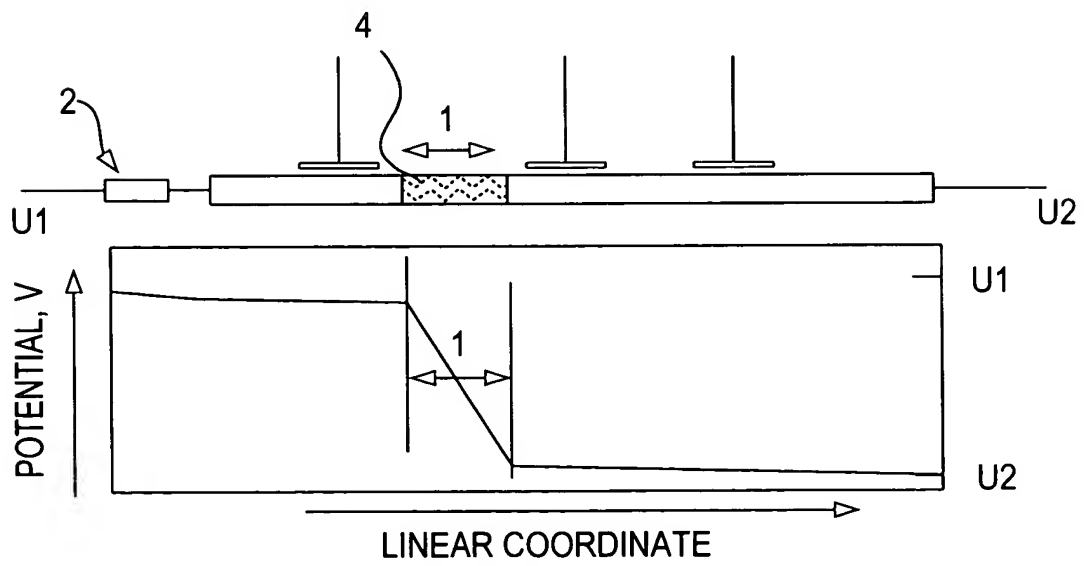
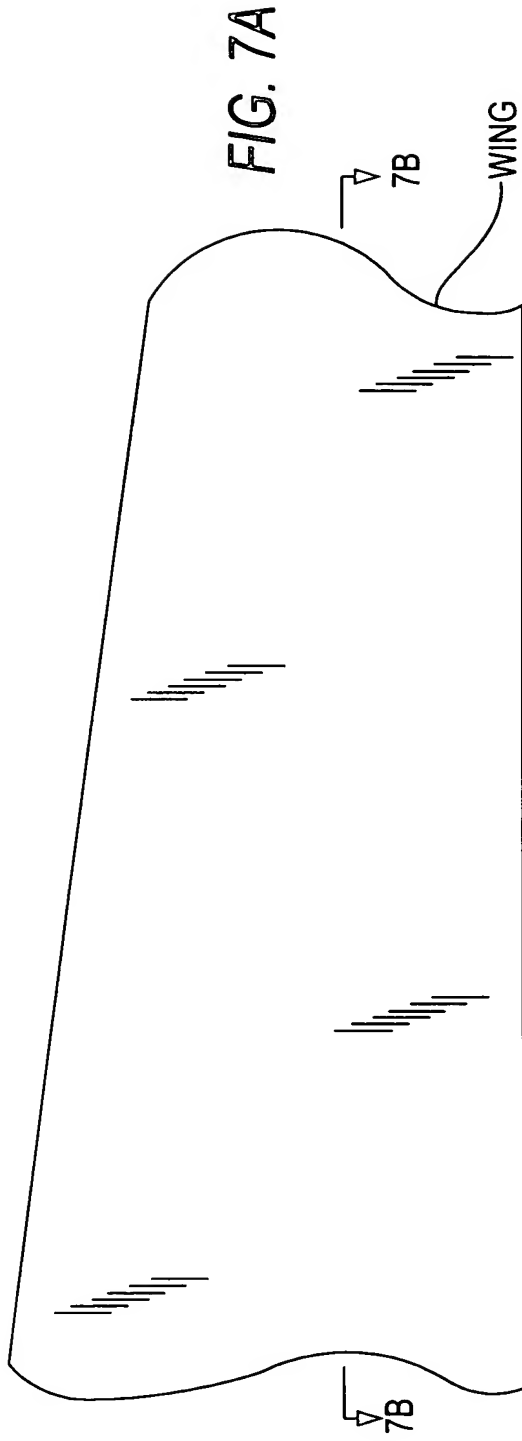


FIG. 3F



**FIG. 6A****FIG. 6B**



SENSING
LAYER

INSULATING
COATING

METAL
SUBSTRATE

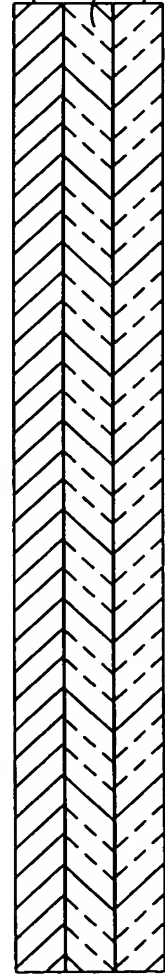


FIG. 7B

